रा.प.सांगली विभागातील माधवनगर येथील आवारात विद्युत प्रणालीवर चालणाऱ्या बसेसकरीता विद्युत चार्जींग स्टेशन उभारण्याबाबत प्रशासकीय मंजूरी मिळणेबाबत.

<u>महाराष्ट्र शासन</u>

गृह विभाग

शासन निर्णय क्र.एसटीसी-०२२६/प्र.क्र.२८/प रि-१

मादाम कामा मार्ग, हुतात्मा राजगुरु चौक,
मंत्रालय, मुंबई ४०० ०३२
दिनांक : ०६ एप्रिल, २०२६

<u>संदर्भ</u> :-

उपाध्यक्ष व व्यवस्थापकीय संचालक, महाराष्ट्र राज्य मार्ग परिवहन महामंडळ, मुंबई यांचे पत्र क्र. यांचे पत्र क्र.राप/स्थाअ/विद्युत/६३९, दि.११.०२.२०२६

<u>प्रस्तावना :-</u>

महाराष्ट्र राज्य मार्ग परिवहन महामंडळातील रा.प.सांगली विभागातील माधवनगर येथील आवारात विद्युत प्रणालीवर चालणाऱ्या बसेसकरीता विद्युत चार्जींग स्टेशन उभारण्यासाठी रु.११,२७,१९,९००.००/- (रु.अकार कोटी सत्तावीस लाख एकोणीस हजार नऊशे फक्त) इतक्या रकमेच्या अंदाजपत्रकास प्रशासकीय व वित्तीय मान्यता देण्याची बाब शासनाच्या विचाराधीन होती.

<u>शासन निर्णय</u> :-

रा.प.सांगली विभागातील माधवनगर येथील आवारात विद्युत प्रणालीवर चालणाऱ्या बसेसकरीता विद्युत चार्जींग स्टेशन उभारणेसाठी रु.११,२७,१९,९००.००/- (रु.अकार कोटी सत्तावीस लाख एकोणीस हजार नऊशे फक्त) इतक्या रकमेच्या अंदाजपत्रकास खालील अटींची पुर्तता करण्याच्या अधीन राहून प्रशासकीय मान्यता देण्यात येत आहे :-

(अ) काम सुरु करण्यापूर्वी नमुना नकाशा, मांडणी नकाशा तसेच विस्तृत नकाशास वास्तुविशारदांकडून मंजूरी घेऊनच सुरु करावे.

(आ) ढोबळ स्वरुपात धरण्यात आलेल्या तरतूदीबाबत काम करतेवेळी विस्तृत अंदाजपत्रक करुनच काम हाती घ्यावे.

(इ) सदर कामासाठी संबंधित कार्यकारी अभियंता यांचेकडून तांत्रिक मान्यता घेण्यात यावी.

(ई) प्रत्यक्ष काम करतेवेळी पर्यावरण विभाग, शासन निर्णय क्र. इएनव्ही-२०१३/ प्र.क्र. १७७/ ता.क. १, दि.१० जानेवारी, २०१४ मध्ये उल्लेख करण्यात आलेल्या मार्गदर्शक तत्वांनुसार कार्यवाही करण्यात यावी.

(उ) सदर कामाचा खर्च गृह विभागाच्या उपलब्ध असलेल्या नियत व्ययामधून करण्यात येईल.

(ऊ) सार्वजनिक बांधकाम विभाग शासन निर्णय क्र. बिडीजी २०१७/ प्र.क्र.६०/ इमा-२, दि. ०७.०७.२०१७ अन्वये कार्यवाही करण्यात यावी.

२. सदरील कामाचे अंदाजपत्रकाचा तपशिल या सोबत जोडले आहे.

३. यासाठी होणारा खर्च "मागणी क्र.बी-३, ३०५५ मार्ग परिवहन ०० - १९० सार्वजनिक क्षेत्रातील व इतर उपकामांना सहाय्य (००) (००) (०१) महाराष्ट्र राज्य मार्ग परिवहन महामंडळ बसस्थानकांचे आधुनिकीकरणांतर्गत बांधकाम व इतर सोयी सुविधा (३०५५ ००५२) ३५ भांडवली मत्तेच्या निर्मिती करिता अनुदान" या लेखाशीर्षाखाली उपलब्ध असणाऱ्या अनुदानातून भागविण्यात यावा.

४. सदर शासन निर्णय, वित्तीय अधिकार नियम पुस्तिका १९७८ भाग पहिला, उप विभाग पाच, महाराष्ट्र सार्वजनिक बांधकाम नियम पुस्तिका अंतर्गत परिच्छेदाखालील प्रदान करण्यात आलेल्या वित्तीय अधिकारमधील परिच्छेद क्र.१३४(१), १३४(२) आणि १३४(३) मधील वित्तीय अधिकारांच्या वित्तीय मर्यादा व अटीमध्ये सुधारणा करण्याबाबतचा वित्त विभाग, शासन निर्णय दि.२०.०९.२०१९ मधील अ.क्र.१. परिच्छेद क्र. १३४(१) अन्वये निर्गमित करण्यात येत आहे.

५. सदर शासन निर्णय महाराष्ट्र शासनाच्या www.maharashtra.gov.in या संकेतस्थळावर उपलब्ध करण्यात आला असून त्याचा सांकेतांक २०२६०४०६१५०६३९९२२९ असा आहे. हा आदेश डिजीटल स्वाक्षरीने साक्षांकित करुन काढण्यात येत आहे.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार व नावाने,

SARIKA ASHISH GANVIR

Digitally signed by SARIKA ASHISH GANVIR
DN: c=IN, o=GOVERNMENT OF MAHARASHTRA, ou=HOME DEPARTMENT, 2.5.4.20=355d31d0cf7bf8d02352945a11a765b0f536fe1adfd0fff4aad6f9dd87f3d76b, postalCode=400032, st=Maharashtra, serialNumber=D50DB68513E91376BA0547B675FDF1B1F3E1AB721046013C8F2C377536F96AC5, cn=SARIKA ASHISH GANVIR
Date: 2026.04.06 15:09:14 +05'30'

(सारिका मेंढे (गणविर))
कार्यासन अधिकारी, महाराष्ट्र शासन

प्रत,

१) मा. राज्यपालांचे सचिव, राजभवन , मुंबई.
२) मा. मुख्यमंत्री यांचे अपर मुख्य सचिव, मंत्रालय, मुंबई.
३) मा. उपमुख्यमंत्री (न.वि.वि., गृ.नि.वि.)यांचे प्रधान सचिव, मंत्रालय, मुंबई.
४) मा. उपमुख्यमंत्री (रा.ऊ.शु.) यांचे सचिव, मंत्रालय, मुंबई.
५) मा. सभापती, महाराष्ट्र विधान परिषद यांचे खाजगी सचिव, विधान भवन, मुंबई.
६) मा.अध्यक्ष , महाराष्ट्र विधान सभा यांचे खाजगी सचिव, विधान भवन, मुंबई.
७) मा. विरोधी पक्ष नेता, महाराष्ट्र विधान परिषद यांचे खाजगी सचिव, विधान भवन, मुंबई.
८) मा. विरोधी पक्ष नेता, महाराष्ट्र विधान सभा यांचे खाजगी सचिव, विधान भवन, मुंबई.
९) मा. मुख्य सचिव, महाराष्ट्र राज्य, मंत्रालय, मुंबई.
१०) अपर मुख्य सचिव (परिवहन), मंत्रालय, मुंबई.

११) परिवहन आयुक्त, महाराष्ट्र राज्य, मुंबई.
१२) उपाध्यक्ष व व्यवस्थापकीय संचालक, महाराष्ट्र राज्य मार्ग परिवहन महामंडळ, मुंबई.
१३) वित्तिय सल्लागार व मुख्य लेखा अधिकारी, महाराष्ट्र राज्य मार्ग परिवहन महामंडळ, मुंबई.
१४) महालेखापाल १/२ (लेखा व अनुज्ञेयता /लेखा परिक्षा), महाराष्ट्र, मुंबई / नागपूर.
१५) महालेखापाल (वाणिज्यिक लेखा परीक्षा), मुंबई/नागपूर.
१६) कक्ष अधिकारी (अर्थ-१), गृह विभाग, मंत्रालय, मुंबई.
१६) निवडनस्ती कार्यासन परि-१, गृह विभाग, मंत्रालय,मुंबई.

MAHARASHTRA STATE ROAD TRANSPORT CORPORATION

Sangli Division Estimate

NAME OF WORK:- Providing HT Power Supply arrangement for Electric Bus charging station at Madhavnagar in Sangli Division.

Sr No	Qty	Item Description	Rate	Unit	Amount
	A	**METERING CUBICLE @ CONSUMER PREMICES**			
1	2 Nos	Supplying, erecting, testing and commissioning 33KV HT metering cubical (compact type) approved by MSEDCL / licensee fabricated with 2 mm (14 SWG) M.S. sheets with supporting angle, painted with powder coating / epoxy paint of required shade, copper bu (6-4-5)	272519.00	Each	5,45,038.00
2	4 Nos	Providing and erecting Heat shrinkable indoor termination kit for 33 kV (E)/33 kV (UE) XLPE HT cable 3x300 sq. mm. to 400 sq. mm. with necessary material as per specification no. CB-JT/HT (7-5-	25250.00	Each	1,01,000.00
3	2 Nos	Providing and erecting Heat shrinkable outdoor termination kit for 33 kV (E)/33 kV (UE) XLPE HT cable 3x300 sq. mm. to 400 sq. mm. with necessary material as per specification no. CB-JT/HT (7-5-	35237.00	Each	70,474.00
4	1 No	Supplying and erecting distribution class, 22 kV thyrite type lightening arrester with nut bolts, on provided MS channel as per specification no. OH-INS/LA (8-5-16)	1386.00	Each	1,386.00
5	100 kgs	Supplying and erecting GI strip of high purity required size used for earthing on wall and/or any other purpose with necessary GI clamps fixed on wall painted with bituminous paint with joints required. As per specification no EA-EP. (9-2-3)	222.00	kg	22,200.00
6	14 Nos	Supplying, installation and testing of maintenance free earthing comprising of Electrode of 17.2 mm diameter Low Carbon Steel with 250 micron molecular copper bonded earthing rod of Length 3m along with 25 kg Carbon based environment friendly back fi (9-1-5)	13805.00	Each	1,93,270.00
7	2 Nos	Modem Installation Charges	10000.00	Each	20,000.00
	B	**33kV FEEDER BAY WITH GANTRY STRUCTURE**			
1	1 No	Supplying and erecting distribution class, 22 kV thyrite type lightening arrester with nut bolts, on provided MS channel as per specification no. OH-INS/LA (8-5-16)	1386.00	Each	1,386.00
2	1 no	Supply, erection & commissioning of 33kV Isolator WEB along with insulator & support str. 36KV 800A, 25KA-3 sec 25mm/KV Creepage Dist.	98049.99	Each	98,049.99
3	1 no	Supply, erection & commissioning of 33kV Isolator WOEB along with Insulator & support str.36KV 800A, 25KA -3 sec 25mm/KV Creepage Dist	89736.63	Each	89,736.63
4	1 no	Supply, erection & commissioning of 33kV PCVCB 36KV, 1600A, 25KA, 3-Sec Mechanically gang operated outdoor type.	349517.85	Each	3,49,517.85
5	3 nos	Supply, erection & commissioning of 33kV CT 200-100/1-1 outdoor type	43464.66	Each	1,30,393.98
6	1 no	Supply, erection & commissioning of 33kV C&R panel outgoing feeder	90922.44	Each	90,922.44

Sr No	Qty	Item Description	Rate	Unit	Amount
7	1 Set	Structure, foundation, cables, clamps, painting etc as per sanction estimate sheet no (A+B+C+D+F)	633766.80	Set	6,33,766.80
8	1 No	Supplying, erecting & commissioning of marshalling box.	8154.03	Each	8,154.03
9	4 Nos	Providing earthing with galvanized iron earth plate size 60 x 60 x 0.6 cm with funnel with a wire mesh for watering and brick masonry block C.I. cover complete with all materials, testing & recording the results as per specification no. EA-EP (9-1-3)	6055.00	Each	24,220.00
	C	**33kV HT METERING 1No at SUBSTATION**			
1	1 No	Supplying, erecting, testing and commissioning 33KV HT metering cubical (compact type) approved by MSEDCL / licensee fabricated with 2 mm (14 SWG) M.S. sheets with supporting angie, painted with powder coating / epoxy paint of required shade, copper bu (6-4-5)	272519.00	Each	2,72,519.00
2	2 Nos	Providing and erecting Heat shrinkable indoor termination kit for 33 kV (E)/33 kV (UE) XLPE HT cable 3x300 sq. mm. to 400 sq. mm. with necessary material as per specification no. CB-JT/HT (7-5-	25250.00	Each	50,500.00
3	2 Nos	Providing and erecting Heat shrinkable outdoor termination kit for 33 kV (E)/33 kV (UE) XLPE HT cable 3x300 sq. mm. to 400 sq. mm. with necessary material as per specification no. CB-JT/HT (7-5-	35237.00	Each	70,474.00
4	50 kgs	Supplying and erecting GI strip of high purity required size used for earthing on wall and/or any other purpose with necessary GI clamps fixed on wall painted with bituminous paint with joints required. As per specification no EA-EP. (9-2-3)	222.00	kg	11,100.00
5	7 Nos	Supplying, installation and testing of maintenance free earthing comprising of Electrode of 17.2 mm diameter Low Carbon Steel with 250 micron molecular copper bonded earthing rod of Length 3m along with 25 kg Carbon based environment friendly back fi (9-1-5)	13805.00	Each	96,635.00
6	5 m3	Making cement concrete foundation in 1:3:6 cement concrete, (20 to 25) mm. stone metal duly plastered with necessary curing for complete. (pole muffing or any other purpose). (16-3-7)	3435.00	m^3	17,175.00
	D	**33kV UNDER GROUND CABLE & ITS ACCESSORIES**			
1	5800 Metres	Supplying , erecting & terminating XLPE insulated, galvanised steel formed wire armoured (strip) cable 33 kV(E), 3 x 300 sq. mm. aluminium conductor laid in provided trench / pipe as per specification no. CB-HT (7-3-27)	5213.80	m	3,02,40,040.00
2	100 Metres	Supplying & laying (including excavation) reinforced cement concrete pipe of IS 458:2003 NP-2 class of 150 mm internal diameter in proper line, level and slope including providing and fixing collars in cement mortar 1:2 and curing etc. complete. (7-6-5)	569.00	m	56,900.00

Sr No	Qty	Item Description	Rate	Unit	Amount
3	5600 Metres	Supplying & laying (including excavation) half round reinforced cement concrete pipe of IS 458:2003 NP-2 class of 150 mm internal diameter in proper line, level and slope including providing and fixing collars in cement mortar 1:2 and curing etc. complete (7-6-	508.00	m	28,44,800.00
4	10 Nos	Providing and erecting Heat shrinkable outdoor termination kit for 33 kV (E)/33 kV (UE) XLPE HT cable 3x300 sq. mm. to 400 sq. mm. with necessary material as per specification no. CB-JT/HT (7-5-	35237.00	Each	3,52,370.00
5	12 Nos	Providing and erecting Heat shrinkable straight through joint kit for 33 kV (E)/33 kV (UE) XLPE HT cable 3x300 to 400 sq. mm. with necessary material as per specification no. CB-JT/HT (7-5-33)	87900.00	Each	10,54,800.00
6	55 Brass	Sand for cable laying (MR)	3500.00	Each	1,92,500.00
	E	**33kV OVERHEAD HT LINE(Conversion of 100sqmm to 232sqmm conductor & Cutpoints)**			
1	44 Metres	Supplying and erecting rolled steel joist (girder) pole 100 x 116 mm (23 kg/m) with base plate in provided foundation as per specification no. OH-PL/RSJ (8-1-13)	1658.00	m	72,952.00
2	48 Metres	Supplying and erecting rolled steel joist (girder) pole 152 x 152 mm (37.1 kg/m) with base plate in provided foundation as per specification no. OH-PL/RSJ (8-1-15)	2528.00	m	1,21,344.00
3	296 kgs	Supply & erection of MS channel 100x50x6mm	98.70	kg	29,215.20
4	145 kgs	Supply & erection of MS Angle 50x50x6mm	98.70	kg	14,311.50
5	300 kgs	Supply & erection of MS Angle 75x40x6mm	98.70	kg	29,610.00
6	55 kgs	Supply & erection of MS Flat 50x10mm	98.70	kg	5,428.50
7	160 kgs	Supply & erection of 33kV Guarding Channel 100x50mm.	98.70	kg	15,792.00
8	21 Nos	Supplying and erecting porcelain pin type insulator with GI pin suitable for 33kV line, complete as per specification no. OH-INS/PN (8-5-11)	827.00	Each	17,367.00
9	60 Nos	Supply & erection of 33kV Disc type insulator (polymer).	317.25	Each	19,035.00
10	12 set	Supply & erection of strain Hardware for Dog 0.1 to Eq. AAAC.	521.70	Set	6,260.40
11	420 Rmt	Supply & erection of AAAC 232 sq. mm	228.42	m	95,936.40
12	12 Nos	Supplying and erecting G.I. stay set for poles, including loop insulators at inaccessible height with anchor plate 300x300x6mm., straining screws, G.I. stay wire 7/10 SWG, G.I. stay rod 20mmx1.8m length and pole clamps duly erected in provided cement con	1528.00	Each	18,336.00
13	8 Nos	Providing pipe type earthing with 40mm. dia. G.I. pipe or 20 mm dia. G.I. Rod complete with all materials testing and recording the results as per specification no. EA-EP (9-1-4)	1500.45	Each	12,003.60

Sr No	Qty	Item Description	Rate	Unit	Amount
14	60 kgs	Supplying & erecting barbed wire two ply with 12 SWG ply and 12 SWG barb with a gap between two bars of 75 mm. firmly fixed on provided angle supports with necessary materials complete. (6.044 meters/kg.). (10-6-21)	142.80	kg	8,568.00
15	15 Nos	Providing printed instruction chart for treating persons suffering from electric shock, printed in English & Marathi and duly laminated complete. (10-	158.55	Each	2,378.25
16	1 job	Painting provided poles with BB paint, RO piant, ALM paint (As per specification of sanction estm)	2932.80	Job	2,932.80
17	4 m3	Making cement concrete foundation in 1:3:6 cement concrete, (20 to 25) mm. stone metal duly plastered with necessary curing for complete. (pole muffing or any other purpose). (16-3-7)	3435.00	m^3	13,740.00
18	55 kgs	Supplying and erecting GI wire of high purity of required sizes used for earthing or any other purposes on wall with necessary G. I. Clamps fixed on wall/cable/ conduit with screws complete. (9-2-5)	162.75	kg	8,951.25
19	3 Nos	Supply, erection & commissioning of 33kV Isolators.	98049.99	Each	2,94,149.97
20	1000 kgs	Supplying and erecting iron work, sheet metal work consisting of CRCA sheets, various sections of iron, plates, chequered plates, rods, bars, MS pipes, etc. for panel board or any other purpose with bending, cutting, drilling and welding (6-1-19)	186.00	kg	1,86,000.00
21	15 Nos	Supplying and erecting integrated LED flood light fitting Max. 155W IP65 & IK07 class having pressure die-cast aluminium housing, having system lumens output of Min. 18600 Lumens, min. efficacy of 120 lumen/W, CRI>70, CCT upto 6500K, THD<10%, p.f. >0.90,. (2-4-17)	12646.00	Each	1,89,690.00
22	300 Metres	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 4 core 10 sq. mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per (7-1-28)	181.00	m	54,300.00
23	100 Metres	Supplying and laying (including excavation of suitable width & depth up to 90 cm) 200 mm outside dia, double wall corrugated pipes (DWC) of HDPE for enclosing cable below ground/road surface, to required depth complete. (7-6-16)	733.00	m	73,300.00
24	15 Nos	Supplying & erecting FRP box of size 150mm x 125mm x 100 mm, 2.7 mm thick complete on pole/wall as per specification No. CB-SB	496.00	Each	7,440.00
25	2 Nos	Supplying & erecting Carbon Dioxide (CO2) fire extinguisher of 4.5 kg. capacity cartridge type conform to IS 2878 /15683 complete erected with necessary clamp made from 50 x 6 mm. M. S. flat with nut & bolts routed in wall complete. (13-15-1)	9902.00	Each	19,804.00
26	10 Points	Point wiring for light/fan/bell in 20 mm FRLS grade HMS PVC conduit with 1.5 sq.mm (2+1E) FRLSH grade copper wire with flush type switch and required accessories as per specification No: WG-PW/SW	494.00	Point	4,940.00

Sr No	Qty	Item Description	Rate	Unit	Amount
27	2 Points	Point wiring for independent plug in PVC trunking (casing-capping) with 1.5 sq.mm (2+1E) FRLSH grade copper wire, modular type switch, earthing and required accessories as per specification No: WG-PW/SW (1-7-21)	748.00	Point	1,496.00
28	2 Points	Wiring for plug on board with flush Switch socket, copper wiring and earthing as per specification No:WG-PW/SW (1-7-25)	116.00	Point	232.00
29	1 No	Supplying & erecting triple pole and neutral distribution board (TPNDB), 3 pole/4 pole MCCB as incomer & outgoing SP MCB (24 poles) or TP MCB of 8 ways (24 poles), with door, 1.2mm thickness, surface/flush mounted, on iron/GI frame (vertical busbar type) (5-4-16)	7791.32	Each	7,791.32
30	3 Nos	Supplying, erecting & marking SPMCB 6A to 32A, B-series with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB	172.76	Each	518.28
31	1 No	Providing & erecting 3 Pole MCCB, 415V, 200A, rated short-circuit breaking capacity 25 kA (Ics=100% of Icu), adjustable thermal (overload) setting and adjustable magnetic setting with provided leads, provision for installation of shunt/UV/trip alarm contact and MCCB should have phase barriers both sides, with insulation withstand capacity 800V, no line-load bias in provided enclosure/panel as per specification no. SW SWR/MCCB (5-5-2)	10604.00	Each	10,604.00
32	2 Nos	Supplying, erecting & marking DPMCB 6 A to 32 A, B-series with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB (5-3-7)	510.28	Each	1,020.56
33	50 Sq. Ms	Supplying and spreading stone metal 25 mm size for 100 mm depth above the ground level complete.	102.00	m²	5,100.00
34	4 Nos	Providng earthing with galvanized iron earth plate size 60 x 60 x 0.6 cm complete with all materials, testing & recording the results as per specification no. EA-EP (9-1-1)	4714.00	Each	18,856.00

Total Rs.	3,90,08,732.75
Add GST 18% Rs.	70,21,571.90
Total Rs.	4,60,30,304.65
Add Contg 5% Rs.	23,01,515.23
Total Rs.	4,83,31,819.88
Civil Construction Work Rs.	20,00,000.00
Road Reinstatement charges Rs.	3,62,50,000.00
Total Rs.	8,65,81,819.88
Say Total Rs.	8,65,81,820.00

Divisional Engineer (Elect)
S. T. Mumbai Central

Executive Engineer (Elect)
S. T. Mumbai Central

General Manager (C.E.)
S. T. Central Office, Mumbai-08.